

CCWG PRIORITIZED ADAPTATION MEASURES (Draft)

Energy

#8) Update emergency plans to account for potentially more blackouts and identify emergency centers as priorities for onsite renewable energy sources

#13) Require or provide incentives for new residential development with air-conditioning systems to install ENERGY STAR cool roof technology

#16 & #19) Municipal Urban Heat Island Mitigation - Give preference to canopy forming trees and incorporate cool paving technologies into maintenance of existing municipal streets and properties

#17) Ordinance to require new parking lots to incorporate shade trees and permeable, reflective pavements

#18) Develop incentives or financing mechanisms to expand urban forests on public & private properties

Water

#18) Facilitate & educate residents and businesses about appropriate uses and benefits of graywater systems and new standards

#21) Require new buildings/developments to plan for graywater systems*

*Depends on how implemented; need to review options and costs before deciding

#31, #32, & #39) Monitor and seek out more actionable science, partly through the County's Multi-Jurisdiction Hazard Mitigation Plan process, on possible increase in flood (and other hazard) risk due to changes in rainfall intensity, duration, and frequency due to climate change. Then improve information to property owners outside 100-yr floodplain about inundation risk, so they can decide to purchase flood insurance even if not required

#38) Improve methods to use and enhance natural landscape and drainage features for runoff control

#33) Incorporate increased flood risk into General Plan Safety Element*

*Would be a result of #31, #32 & #39

Ecosystems

#2) Seek opportunities to partner with the Wildlife Agencies and/or adjacent public land managers to monitor, manage, and restore local habitats and species dispersion, in order to assess impacts associated with climate change on the City's biodiversity and ecosystems

#3) As funding becomes available, implement active habitat restoration and enhancement in MSCP areas to reduce impact of climate change stressors and improve overall resiliency of local habitats

#6) Educate the public about the impacts of climate change and what the community is doing to address impacts to canyons, parks, coastal ecosystems in community newsletters, websites, public events, and trailheads

Public Health

#22) Coordinate with Fire Department and SWC (services learning program, Americorps/ CERT training) to educate community members regarding information on possible home improvements to improve resiliency to wildfires*

- may add wildfire into the existing Chula Vista programs (ie. Naturescape, Home Upgrade Carbon Downgrade or Cal First/PACE)

#5) Consider including "extreme heat" events as a significant emergency in Chula Vista's portion of the County's Multi-Jurisdiction Hazard Mitigation Plan, and redefining "extreme heat" events

#9) Incorporate a public health element into the next General Plan update in order to improve overall health, physical activity, and resilience of residents through community design

#2) Expand existing "cooling centers" available in Chula Vista during heat events to ensure adequate space is available at all times of the week (including nights), with back-up generators

#6) Identify vulnerable residents in Chula Vista, and community groups working with vulnerable populations (e.g. hospitals, schools, Meals on Wheels, & labor and employees who work outdoors) and ensure heat /wildfire or other health emergency outreach & education programs notify (including reverse 911) and work with them

Coastal Infrastructure and Resources

Still under consideration:

#3,7,9,10,13,14-20

+ #5, 14 & 15 from ecosystems